

510(k) Summary

MAY 30 2007

Manufacturer: Small Bone Innovations
1380 South Pennsylvania Avenue
Morrisville, PA 19067
215-428-1791
215-428-1795

Submitted By: Small Bone Innovations
1380 South Pennsylvania Avenue
Morrisville, PA 19067

Proprietary Name: SBi Distal Radius Volar Plating System

Classification name: Class II, 888.3030 – Single/multiple component metallic bone fixation appliances and accessories

Product Code: HRS – Plate, Fixation, Bone

Common/Usual Name: Single/multiple component metallic bone fixation appliances and accessories

Substantial Equivalence: Documentation is provided which demonstrated the SBi Distal Radius Volar Plating System to be substantially equivalent to other legally marketed devices.

Device Description: The SBi Distal Radius (DR) Plating System consists of plates and screws that provide internal fixation of the distal radius. The devices are supplied non-sterile and are available in various sizes and configurations. There are several plate configurations in right and left hand orientations. The System also includes an assortment of cortical and cancellous screws some of which can be locked into the plates at varying angles.

Intended Use: The SBi Distal Radius (DR) Volar Plating System is intended for use in fixation of distal radial fractures.

The implants are intended for one time use only

Material: The plates for the SBi DR Plating System are made from Grade 1 titanium per ASTM F67. The screws for the SBi DR Plating System are available in both Ti-6Al-7Nb per ASTM F1295-05 or Ti-6Al-4V per ASTM F136.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

MAY 30 2007

Small Bone Innovations, Inc.
% Mr. Robert Hoehn
Regulatory Associate
Musculoskeletal Clinical Regulatory Advisers, LLC
505 Park Avenue, 14th Floor
New York, New York 10022

Re: K070793
Trade/Device Name: SBi Distal Radius Volar Plating System
Regulation Number: 21 CFR 888.3030
Regulation Name: Single/multiple component metallic bone fixation appliances and accessories
Regulatory Class: Class II
Product Code: HRS
Dated: May 23, 2007
Received: May 24, 2007

Dear Mr. Hoehn:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must

comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (240) 276-3150 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

for [Signature] Der D. Aschur 5/29/08

Mark N. Melkerson

Director

Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use

510(k) Number: **K070793**

Device Name: **SBi Distal Radius Volar Plating System**

Indications For Use:

The SBi Distal Radius Volar Plating System is intended for use in fixation of distal radial fractures.

Prescription Use ☒
(Part 21 CFR 801 Subpart D)

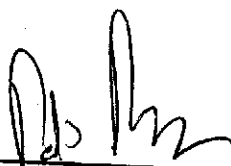
AND/OR

Over-The-Counter Use _____
(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Page 1 of 1


(Division Sign-Off)

**Division of General, Restorative,
and Neurological Devices**

510(k) Number **K070793**